

APPENDIX A REFERENCES

A-1. Required Publications

ER 1110-345-100

Design Policy for Military Construction

ER 1110-345-700

Design Analysis, Drawings, and Specifications

A-2. Related Publications

40 CFR 261

Resource Conservation and Recovery Act.

TM 5-800-4

Programming Cost Estimates for Military Construction

TM 5-805-4

Noise and Vibration Control

TM 5-810-5

Plumbing

TM 5-811-1

Electrical Power Supply and Distribution

TM 5-811-2

Electrical Design Interior Electrical System

TM 5-813-3/AFM 88-10

Volume 3, Water Supply, Water Treatment

TM 5-814-1

Sanitary and Industrial Wastewater Collection—Gravity Sewers and Appurtenances

TM 5-814-3

Domestic Wastewater Treatment

EM 1110-1-4012
15 NOV 01

TM 5-814-8

Evaluation Criteria Guide for Water Pollution Prevention, Control, and Abatement Programs

ER 385-1-92

Safety and Occupational Health Document Requirements for Hazardous, Toxic, and Radioactive Waste (HTRW)

ER 1110-1-12

Quality Management

ER 1110-1-263

Chemical Data Quality Management for Hazardous Waste Remedial Activities

ER 1110-345-100

Design Policy for Military Construction

EM 385-1-1

Safety and Health Requirements Manual

EM 1110-1-501

Design Manual Wastewater Treatment

EM 1110-1-502

Technical Guidelines for Hazardous and Toxic Waste Treatment and Cleanup Activities

UFGS 01110

Safety, Health and Emergency Response (HTRW/UST)

UFGS 01440

Contractor Quality Control

UFGS 01450

Chemical Data Quality Control

UFGS 02688

Liquid Process Piping

UFGS 11211

Pumps: Water, Centrifugal

UFGS 11212

Pumps: Water, Vertical Turbine

UFGS 11220

Precipitation/Coagulation/Flocculation Water Treatment

UFGS 11242

Chemical Feed Systems

UFGS 11310

Pumps: Sewage and Sludge

UFGS 11360

Plate and Frame Filter Press System

UFGS 16370

Electrical Distribution System, Aerial

UFGS 16375

Electrical Distribution System, Underground

UFGS 16415

Electrical Work, Interior

ANSI/AWWA B402-95

Standard for Ferrous Sulfate, January 1996.

ANSI/AWWA B403-93

Standard for Aluminum Sulfate, October 1993.

ANSI/AWWA B405-94

Standard for Sodium Aluminate, November 1994.

ANSI/AWWA B406-92

Standard for Ferric Sulfate, October 1992.

ANSI/AWWA B407-93

Standard for Ferric Chloride, September 1993.

ANSI/AWWA B408-93

Standard for Liquid Polyaluminum Chloride, December 1993.

EM 1110-1-4012
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ANSI/AWWA 202-93

Standard for Quicklime and Hydrated Lime, March 1994.

AWWA-10062JU

Standard Methods for the Examination of Water and Wastewater, 1992.

ASTM D 2035-80

Standard Practice for Coagulation-Flocculation Jar Test of Water, 1980 (reapproved 1990).

EPA 430/9-79-018

Chemical Aids Manual for Wastewater Treatment Facilities, Office of Water Program Operations (WH-547), Washington D.C., 1979.

EPA 540-G-89 004

Guidance for Conducting Remedial Investigations and Feasibility Studies Under CERCLA, 1988.

EPA 600/8-80-042c

Treatability Manual, Vol. III, 1980.

EPA 600/2-77-049

Treatment of Metal Finishing Wastes by Sulfide Precipitation, 1977.

EPA 600/2-81-148

Manual of Practice for Wastewater Neutralization and Precipitation, 1981.

EPA 625/1-75-003a

Process Design Manual for Suspended Solids Removal. Technology Transfer, 1975.

EPA 625/8-80-003

Summary Report: Control and Treatment Technology for the Metal Finishing Industry; Sulfide Precipitation, Technology Transfer Division, Washington, D.C., 1980.

EPA (1987)

Technical Resource Document, *Treatment Technologies for Metal/Cyanide-Containing Wastes*. Hazardous Waste Engineering Research Laboratory, NTIS Order Number PB 38-143896.

EPA (1989)

Multimedia Assessment of Pollution Control Options for Metal Finishing Operations, Risk Reduction Engineering Laboratory.

Naval Civil Engineering Laboratory (1984)

Navy Electroplating Pollution Control Technology Assessment Manual, CR 84.019.

NEESA (1993)

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Grosse, D.W., A Review of Alternative Treatment Processes for Metal-Bearing Hazardous Waste Streams. *Journal of the Air Pollution Control Association*.

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Hoyle (1976)

Hoyle, D.L., Designing for pH Control. *Chemical Engineering*.

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Kim, B.M. Treatment of Metal Containing Wastewater with Calcium Sulfide. In *AIChE Symposium Series, Water 1980*, **77**(209): 39–48.

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Kim, B.M. and P.A. Amadeo, Calcium Sulfide Process for Treatment of Metal-Containing Wastes. *Environ. Prog.*, **2**(3): 175–180.

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Wastewater Engineering—Treatment, Disposal, and Reuse, 3rd ed. McGraw-Hill, Inc.

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Patterson, J.W. and R.A. Minear, Physical-Chemical Methods of Heavy Metals Removal. In *Heavy Metals in the Aquatic Environment* (P.A. Krenkel, ed.), pp. 261–276. Oxford, England: Pergamon Press.

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Peters, R.W., Y.Ku, and D. Bhattacharyya, Evaluation of Recent Treatment Techniques for Removal of Heavy Metals from Industrial Wastewaters. *AIChE Symposium Series, Separation of Heavy Metals and Other Contaminants*, **81**(243): 165–203.

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Scott, M.C., An EPA Demonstration Plant for Heavy Metals Removal by Sulfide Precipitation. In *Proc. 2nd Conference Advanced Pollution Control for Metal Finishing Industry*.

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Talbot, R.S., Co-precipitation of Heavy Metals with Soluble Sulfides Using Statistics for Process Control. In *Proc. 16th Mid-Atlantic Industrial Waste Conf.*, **16**: 279–88.

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Tchobanoglous G. and E.D. Schroeder, *Water Quality*. Addison-Wesley Publishers.

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Design of Municipal Wastewater Treatment Plants. Manual of Practice No. 8.

Water Environment Federation (1993)

Instrumentation in Wastewater Treatment Facilities. Manual of Practice No. 21.

Water Environment Federation (1994)

Pretreatment of Industrial Wastes. Manual of Practice FD-3.

Water Pollution Control Federation (1977)

Wastewater Treatment Plant Design—A Manual of Practice.

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Whang, J.S., D. Young, and M. Pressman, Design of Soluble Sulfide Precipitation System for Heavy Metals Removal. In *Proc. 14th Mid-Atlantic Indus. Waste Conf.*, pp. 13.63–71.

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